

GENERAL INDEX TO VOLUME XXIX

New scientific names of plants and the final members of new combinations are printed in **bold-face** type; synonyms and page numbers having reference to figures and plates, in *italics*; and previously published names and all other matter, in ordinary type.

A

- Achania*, 203; *ciliata*, 219; *coccinea*, 209; *concinna*, 210; *cordata*, 231; *floridana*, 231; *Malvaviscus*, 209; *mollis*, 209; *pi-losa*, 209; *Poeppigii*, 231; *stylosa*, 231; *tomentosa*, 231
 Allen, Paul H., collections of, 35
Alloplectus panamensis, 36; *simulatus*, 37
 American carboniferous floras, Contributions to our knowledge of: I. Scleropteris, gen. nov., Mesoxylon and Amyelon, 1; II. Lepidocarpon, 19; III. Stiptopteris, 59; IV. A new species of Lepidodendron, 245; V. Heterangium, 275
 Amyelon, 7, 8, 10
 Anachoropteris, 62
 Anderson, Edgar, and Hugh C. Cutler, Races of Zea Mays: I. Their recognition and classification, 69
 Andrews, Henry N. Contributions to our knowledge of American carboniferous floras: I. Scleropteris, gen. nov., Mesoxylon and Amyelon, 1; V. Heterangium, 275; and Eloise Pannell. Contributions to our knowledge of American carboniferous floras. II. Lepidocarpon, 19; A fossil Araucarian wood from western Wyoming, 283
Aneilema, 146; *chihuahuensis*, 147; *floribunda*, 152; *geniculata*, 147; *Greenmanii*, 147; *holosericea*, 147; *Karwinskyana*, 148; *linearis*, 148; *pulchella*, 148
 Ankyropteris, 7; *corrugata*, 7
Anotea, 204; *chlorantha*, 231; *flavida*, 231
 Apocynaceae, Panamanian, 364
 Araucarian wood from western Wyoming, A fossil, 283
Araucarioxylon wyomingense, 284, 286
 Arboretum, see Missouri Botanical Garden Wildflower Reservation
 Archaeological research on prehistoric corn, 69
Asagraea, 293; *caracasana*, 302; *caricifolia*, 296; *frigida*, 307; *longifolia*, 307; *officinalis*, 302; *tenuifolia*, 305
 Asclepiadaceae, Panamanian, 365
Athyrocarpus, 150

B

- Besleria Allenii* var. *paucivenia*, 38; *barbensis* var. *hirsuta*, 38; *crassicaulis*, 39; *obliqua*, 40
 Bignoniaceae, Panamanian, 367
 Bombacaceae, Panamanian, 359
 Boraginaceae, Panamanian, 366

- Botrychioxylon*, 3; *paradoxum*, 4
Bourreria superba var. *glabra*, 366
 Brenner, Louis G. Jr. The environmental variables of the Missouri Botanical Garden Wildflower Reservation at Gray Summit, 103; and Ralph O. Erickson and Joseph Wraight. Dolomitic glades of east-central Missouri, 89
 Brinker, Robert R. Monograph of Schoenocaulon, 287
Bumelia, A revision of the genus, in the United States, 155
Bumelia, 159; *ambigua*, 178; *angustifolia*, 177; *anomala*, 169; *arachnoidea*, 163; *ar-borea*, 162; *cassinifolia*, 174; *chrysophyl-loides*, 168; *confertiflora*, 178; *cuneata*, 177; *denticulata*, 178; *ferruginea*, 169; *lacuum*, 166; *lanuginosa*, 160; var. *albi-cans*, 162, var. *anomala*, 169; var. *oblongi-folia*, 163, var. *rigida*, 165; *lucida*, 172, 178; *lycioides*, 170, var. *ellipsoidalis*, 172, var. *reclinata*, 173, var. *virginiana*, 171; *macrocarpa*, 173; *megacocca*, 176; *microcarpa*, 173; *monticola*, 175; *oblongifolia*, 163; *parvifolia*, 177; *pauciflora*, 165; *pubescens*, 178; *reclinata*, 173; *reclinata*, 168, 175, 177; *rigida*, 165; *rufa*, 169; *ru-fotomentosa*, 167; *Schottii*, 177; *serrata*, 178; *serrulata*, 178; *Smallii*, 172; *spino-sa*, 165; *syderoxyloides*, 179; *tenax*, 168; *texana*, 175; *tomentosa*, 163; *undu-lata*, 179
 Burmanniaceae, Panamanian, 336

C

- Cactaceae, Panamanian, 363
Calathea Allenii, 331; *Allouia* var. *viola-cea*, 332; *dasycarpa*, 335; *foliosa*, 332; *indecora*, 333; *lagunae*, 333
Callisia, 154; *fragrans*, 154; *grandiflora*, 153
 Cannaceae, Panamanian, 331
 Capparidaceae, Panamanian, 351
Capparis clara, 351
 Carboniferous floras, American, Contributions to our knowledge of: I. Scleropteris, gen. nov. Mesoxylon and Amyelon, 1; II. Lepidocarpon, 19; III. Stiptopteris, 59; IV. A new species of Lepidodendron, 245; V. Heterangium, 275
 Caricaceae, Panamanian, 363
Carludovica integrifolia, 322; *Pittieri*, 323
Cattleya Skinneri var. *autumnalis*, 345
Caulopteris, 61; *varians*, 61, 68
Ceiba Allenii, 359

- Centrosolenia lineata*, 41
 Chloranthaceae, Panamanian, 350
Chrysophyllum carolinense, 168; *ludovicianum*, 161
 Citronella, Helminthosporium spot on, 137
 Clark, Robert Brown. A revision of the genus *Bumelia* in the United States, 155
Clusia longipetiolata, 362
 Coal-balls, of Illinois, flora of, 1, 19, 59, 245, 275
Cochlostema, 149
 Columnnea, 35; *Allenii*, 42; *arguta*, 43; *citrina*, 44, 53; *conferta*, 44; *consanguinea*, 45; *crassa*, 45; *darienensis*, 46; *dissimilis*, 47; *flaccida*, 43; *hirsutissima*, 47, 53; *incarnata*, 48; *localia*, 49; *macrophylla*, 49; *magnifica*, 49; *microcalyz* var. *macrophylla*, 49; *microphylla*, 49; *obliqua*, 49; *panamensis*, 50; *pectinata*, 50; *perpulchra*, 51; *praetexta*, 53; *purpurata*, 51; *rubra*, 48, 52; *silvarum*, 53
Commelina, 149; *anomala*, 149; *Blainii*, 150
 Commelinaceae: Commentary on the North American genera of, 141; Panamanian, 324
Commelinantia, 149; *anomala*, 149
 Contributions to our knowledge of American carboniferous floras: I. Scleropteris, gen. nov., Mesoxylon and Amyelon, 1; II. Lepidocarpon, 19; III. Stiptopteris, 59; IV. A new species of *Lepidodendron*, 245; V. *Heterangium*, 275
 Contributions toward a flora of Panama, VI. Collections chiefly by H. von Wedel in Bocas del Toro, 317
 Cordaites, 7
 Corn, Morphology of the plant, 72; Guatemalan Big Grains, 81; Guatemalan Tropical Flints, 81; Mexican Pyramidal, 80, 82; Pima-Papago, 84; Pueblo, 84
 Croizat, L., Panamanian Euphorbiaceae determined by, 353
Cryptochloa, 317; *concinna*, 320; *granulifera*, 321; *strictiflora*, 321; *variana*, 317, 319
Cryptophoranthus lepidotus, 340, 370
Ctenanthe dasycarpa, 335
 Cucurbitaceae, Panamanian, 369
 Cutak, L., Panamanian Cactaceae determined by, 363
Cuthbertia, 151; *rosea*, 153
 Cutler, Hugh C., Edgar Anderson and. Races of *Zea Mays*: I. Their recognition and classification, 69
 Cyclanthaceae, Panamanian, 322
Cymbopogon Nardus subsp. *genuinus* and *C. citratus*, epiphytotic on, 137
- D
- Descontaria*, 150; *amplexicaulis*, 152; *angustifolia*, 152; *cumanensis*, 152; *Diagrega*, 152; *elongata*, 152; *minuta*, 153; *multiflora*, 153; *Palmeri*, 153; *procumbens*, 153; *saxicola*, 154
 Dichapetalaceae, Panamanian, 353
Dichapetulum axillare, 353
- Dichorisandra*, 145, 146; *hexandra*, 146; *longifolia*, 147
 Dilleniaceae, Panamanian, 361
 Dioscoreaceae, Panamanian, 327
Diagrega, 151; *mexicana*, 152
Dithyrocarpus, 149
 Dodge, Carroll William. Helminthosporium spot of citronella and lemon grass in Guatemala, 137
 Dolomitic glades of east-central Missouri, 89; map of, 91
Donnellia, 151; *grandiflora*, 153
Drymonia alloplectoides var. *vallicola*, 54; *brevipes*, 54; *conchocalyx*, 55; *lanceolata*, 55; *marmorata*, 57; *parviflora*, 55; *parvifolia*, 56; *rosea*, 56; *turrialbae*, 57
- E
- Echeandia prolixa*, 325; *venusta*, 325
 Endosporites, 24
 Environmental variables of the Missouri Botanical Garden Wildflower Reservation at Gray Summit, The, 103
 Erickson, Ralph O., Louis G. Brenner and Joseph Wraight. Dolomitic glades of east-central Missouri, 89
 Euphorbiaceae, Panamanian, 353
- F
- Ferns, fossil, 3, 59, 275
 Flacourtiaceae, Panamanian, 363
 Floscopa, 149
 Fossil Araucarian wood from western Wyoming, A, 283
 Fossil plants, 1, 19, 59, 245, 275
- G
- Gametophyte, fossil, 3, 21, 21
 Gesneriaceae, New, from Panama, 35
 Glades: associates at Gray Summit, 132; dolomitic, of east-central Missouri, 89, 95, 96, flora of, 90, geology of, 92, map of, 91
Gonolobus Ophioglossa, 366
 Gramineae, Panamanian, 317
 Grass, lemon and citronella, Helminthosporium spot on, 137
 Gray Summit, The environmental variables of the Missouri Botanical Garden Wildflower Reservation at, 89
 Guatemala, Helminthosporium spot of citronella and lemon grass in, 137
 Guttiferae, Panamanian, 362
- H
- Hapalanthus*, 154
 Helminthosporium spot of citronella and lemon grass in Guatemala, 137
 Helminthosporium *Cymbopogi*, 139, 140, *Sacchari*, 138
Helonias, 292; *dubia*, 298; *officinalis*, 302
Heminema, 150; *multiflora*, 153
Heterangium, 3, 275; *americanum*, 276, 277, 279, 282; subgen. *Eu-heterangium*, 280; *Grievii*, 275; *Hoppsteadteri*, 281;

- Kukuki, 281; subgen. *Polyangium*, 280; shorensis, 281; *tiliaceoides*, 275, 281
Hibiscus Bancroftianus, 230, 231; *coccineus*, 230; *Drummondii*, 216; *floridanus*, 231; *fragilis*, 230; *liliiflorus*, 230; *Malvaviscus*, 209; *Poeppigii*, 231; *racemosus*, 210; *rosa-sinensis*, 230
Hibiscus, 203
Hippocrateaceae, Panamanian, 357
Howard, R. A., Panamanian Icacinaceae determined by, 358

I

- Icacinaceae, Panamanian, 358
Illiniocarpon, 19; *Cadyi*, 19
Illinois coal-balls, flora of, 1, 59, 245, 275
Inflorescence structure in Commelinaceae, 143
Iridaceae, Panamanian, 327
Ichnosiphaon *Pittieri*, 335

K

- Kegelia Houtteana*, 347
Kegeliella Houtteana, 347

L

- Lacistemaceae, Panamanian, 350
Lacunaria panamensis, 358
Leaves, fossil: of *Lepidodendron scleroticum*, 256; of *Lepidophyllum*, 258
Leguminosae, Panamanian, 352, 368
Lentibulariaceae, Panamanian, 368
Lenz, L. Wayne. Contributions to our knowledge of American carboniferous floras. III. *Stipitopteris*, 59
Lepidocarpon, 2, 19; *glabrum*, 22; *Lomaxi*, 21; *magnificum*, 26, 28-34, 259, gametophyte of, 21, seed of, 23; *Wildianum*, 22
Lepidodendron. A new species of, 245
Lepidodendron Brownii, 250; *esnostense*, 22, 254; *fuliginosum*, 249; *Harcourtii*, 249; *intermedium*, 249; *Johnsonii*, 250; *obovatum*, 249; *rhodumnense*, 254; *rimosum*, 254; *scleroticum*, 249, 251, 262-274; *selaginoides*, 249, 255; *Volkmannianum*, 256, 274
Lepidophloios, 256; *laricinus*, 256, sp., 274; *Wunschianus*, 249, 255
Lepidophyllum, 2; *Thomasi*, 258
Lepidostrobilus Bertrandii, 250; *Brownii*, 249, 250; *Coulteri*, 26; *Veltheimianus*, 22
Leptorhoea, 151; *filiformis*, 152; *floribunda*, 152
Liliaceae, Panamanian, 325
Loganiaceae, Panamanian, 364
Lyciodes angustifolium, 177; *lanuginosum*, 161; *spinosum*, 170; *tenax*, 168
Lycopodium, 22, 24; *obscurum*, 21
Lycopods, 2, 19, 245
Lysinopteris, 7

M

- Maize: classification of, 69; morphology of, 72; ear and tassel characters for five races of, 82, 88; Guatemalan Big Grains, 81; ears and tassels, 88; Guatemalan

- Tropical Flints, 81, ears and tassels, 88; Mexican Pyramidal, 80, ears and tassels, 88; Pima-Papago, 84; Pueblo, 84
Malpighiaceae, Panamanian, 352
Malvaviscus, Monograph of, 183
Malvaviscus, 203; *acapulcensis*, 209; *acrifolius*, 210; *arborescens*, 209, 211, var. *brihondus*, 213, 213, var. *cubensis*, 213, 214, var. *Drummondii*, 215, 215, var. *Hintoni*, 217, 217, var. *longifolius*, 217, 218, var. *mexicanus*, 219, 220, 240, 244, var. *palmanus*, 222, 223, var. *penduliflorus*, 223, 224, 238, 240, var. *sepium*, 226, 226, var. *Williamsii*, 226, 227; *arborescens* var. *Griesebachii*, 219, var. *parviflorus*, 210, var. *pilosus*, 210; var. *Sagraeanus*, 219, var. *Sloanei*, 219; *Baldisti*, 210; *brevibracteatus*, 219; *brevipes*, 219; *candidus*, 206, 207; *oilatus*, 219; *chloranthus*, 231; *cineus*, 230; *coccineus*, 230; *Cokeri*, 214; *concinus*, 209, 230; *Conzattii*, 223; *cordatus*, 210; *cordifolius*, 209; *cuspidatus*, 218; *Cutteri*, 210; *Drummondii*, 215; *elegans*, 218; *flavidus*, 231; *floridanus*, 230; *fragilis*, 230; *Funkianus*, 218; *glabrescens*, 223; *grandiflorus*, 219; *Guerkeanus*, 219; *Hintoni*, 217; *integrifolius*, 218; *Jordan-Mottii*, 214; *lanceolata*, 223; *leucocarpus*, 218; *longifolius*, 218, 230; *Malvaviscus*, 210; *maynensis*, 218; *mollis*, 210; *montanus*, 230; *multiflorus*, 230; *oaxacanus*, 219; *oligotrichus*, 223; *palmanus*, 222; *palmaris*, 208; *Palmeri*, 230; *penduliflorus*, 223; *pentacarpus*, 219; *pilosus*, 210; *pleurantherus*, 231; *pleurogonus*, 231; *Poeppigii*, 231; *Polakowskyi*, 219; *populifolius*, 230; *populneus*, 230; *Pringlei*, 206; *pulvinatus*, 219; *punicus*, 230; *rivularis*, 219; *rosa-sinensis*, 230; *Sagraeanus*, 219; *sepium*, 226; *spathulatus*, 210; *speciosus*, 210; *Ulei*, 218; *velutinus*, 210; *Williamsii*, 226
Marantaceae, Panamanian, 331
Marsippospermaceae, Panamanian, 361
Maxillaria conduplicata, 348; *neglecta*, 348; *Pittieri*, 349
Meliaceae, Panamanian, 352
Mesoxylon, 3, 7, rootlets of, 9, 16; *Nauertianum*, 11, 16, 18
Microsporangiate cones, fossil, 24
Missouri, east-central, Dolomitic glades of, 89
Missouri Botanical Garden Wildflower Reservation at Gray Summit: associations and associates, 124; climatology of, 114; Environmental variables of the, 103; geology, 104; history of land use of the area, 118; soil survey of, 109; vegetation of, 121
Monophyle Maxonii, 58; *panamensis*, 58; *puberula*, 58
Moraceae, Panamanian, 350
Morton, C. V.: New Gesneriaceae from Panama, 35; Panamanian plants determined by: Dilleniaceae, 361; Dioscoreaceae, 327; Lentibulariaceae, 368;

Smilacaceae, 326; Turneraceae, 363;
Violaceae, 362
Mortonioidendron *hirsutum*, 359
Murdannia, 147
Musaceae, Panamanian, 327
Mycorrhizae and the origin of roots, 5
Myrosma dasycarpa, 335

N

Neodonnellia, 151, *grandiflora*, 153

O

Ochnaceae, Panamanian, 361
Olyra concinna, 320; *strictiflora*, 321
Onagraceae, Panamanian, 364
Orchidaceae, Panamanian, 336
Ornithidium anceps, 348; *conduplicatum*, 348; *Pittieri*, 349
Ozark glades, vegetation of, 89

P

Panama: Contributions toward a flora of, VI, 317; New Gesneriaceae from, 35
Pannell, Eloise: Contributions to our knowledge of American carboniferous floras: IV. A new species of *Lepidodendron*, 245; Henry N. Andrews and. Contributions to our knowledge of American carboniferous floras. II. *Lepidocarpon*, 19; A fossil Araucarian wood from western Wyoming, 283
Pavonia, 227; *amplifolia*, 230; *coccinea*, 231; *Drummondii*, 216; *firmiflora*, 227, 228; *longifolia*, 230; *montana*, 230; *multiflora*, 230; *Palmeri*, 229, 230; *spiralis*, 219
Pera, 353; *aperta*, 353; subg. *Eupera*, 357; subg. *Gymnoptera*, 357
Perebea hispidula, 350
Periderm of Lycopods, 255
Petaloxis, 146
Petioles, fossil, 59
Phaeosphaerion, 150
Pima and Papago Indians, corn grown by, 78
Platyglottis, 345, 378; *coriacea*, 347, 378
Pleiotachya Pittieri, 335
Pleurothallis antonensis, 341; *cardiochila*, 343, 376; *ellipsophylla*, 344, 376
Pogomesia, 148
Prestonia Weddellii, 365
Prunus caroliniana, 178
Psaronius, 61
Pteridosperms, fossil, 275
Pueblo Indians, corn grown by, 78

Q

Quinaceae, Panamanian, 358

R

Races of Zea Mays, 69
Raddia concinna, 320; *strictiflora*, 321
Rectanthera, 154; *fragrans*, 154
Renealmia Arundinaria, 329
Roots, fossil, 6, 8, 9
Rubiaceae, Panamanian, 368

S

Sabadilla caricifolia, 296; *Coulteri*, 297; *Drummondii*, 298; *dubia*, 298; *officinatum*, 302
Sapindaceae, Panamanian, 358
Sauvallea, 149; *Blainii*, 150
Schery, Robert W., Monograph of *Malva-viscus*, 183; Robert E. Woodson, Jr. and. Contributions toward a flora of Panama. VI. Collections chiefly by H. von Wedel in Bocas del Toro, 317
Schlegelia fastigiata, 367
Schoenocaulon, Monograph of, 287
Schoenocaulon, 292; *aletroides*, 298; *calicicola*, 295; *caricifolium*, 295; *comatum*, 296; *Conzattii*, 297; *Coulteri*, 297; *Drummondii*, 297; *Drummondii*, 305; *dubium*, 298; *Ghiesbreghtii*, 299; *gracile*, 298; *intermedium*, 306; *jalsense*, 300; *macrocarpum*, 300; *megarrhiza*, 300; *Mortonii*, 301; *obtusum*, 301; *officinale*, 301; *Pringlei*, 303; *regulare*, 304; *tenuis*, 304; *tenuifolium*, 305; *texanum*, 305; *yucatanense*, 307
Sclerocladus tenax, 168
Scleropteris, gen. nov., Mesoxylon and Amyelon, 1
Scleropteris, 3; *illinoensis*, 3, 12, 14, 16
Sclerosus tenax, 168
Scoleopteris, 3
Seeds, fossil, 20, 23
Sideroxylon spinosum, 170
Sideroxylon chrysophylloides, 168; *decandrum*, 170; *laeve*, 170; *lanuginosum*, 161; *lucidum*, 178; *lycioides*, 170; *reclinatum*, 173; *sericeum*, 168; *tenax*, 161, 168
Sigillaria Boblayi, 250
Skoinolon, 293
Smilacaceae, Panamanian, 326
Smilax chiriquensis, 326
Sobralia Allentii, 336, 370; *decora* var. *aerata*, 337, 372
Soil survey of Missouri Botanical Garden Wildflower Reservation, 109
Solanaceae, Panamanian, 366
Sphenophyllum, 3
Spiranthes navarrensis, 337; *Woodsonii*, 337
Spironema, 154; *fragrans*, 154; *Warscewiczianum*, 154
Standley, P. C., Panamanian plants determined by: Moraceae, 350; Quinaceae, 358; Rubiaceae, 368; Tiliaceae, 359
Stelis Allentii, 338, 374; *atrorubens*, 339, 374; *montana*, 374
Stemmadenia lagunae, 364
Stemmatopteris, 61
Stems, fossil, 2, 7, 11, 59, 65, 245, 251, 262-272, 274, 276, 282-286
Stenanthium frigidum, 307
Sterculiaceae, Panamanian, 360
Stickmannia, 146
Stigmara, 2, 250
Stipitopteris, 59; *americana*, 63, 65, 66, 68

Strephium strictiflorum, 321
Swallen, Jason R., Panamanian Gramineae determined by, 317

T

Theobroma asclepiadiflorum, 360
Thespesia populnea, 230
Thymelaceae, Panamanian, 364
Tiliaceae, Panamanian, 359
Tinantia, 148; *anomala*, 149
Tofieldia falcata, 307
Tradescantella, 154
Tradescantia, 141; *amplexicaulis*, 152; *angustifolia*, 152; *anomala*, 149; *chihuahensis*, 147; *cumanensis*, 152; *Disgrega*, 152; *dracaenoides*, 148; *elongata*, 152; *filiformis*, 152; *floribunda*, 147; *geniculata*, 147; *graminifolia*, 148; *holosericea*, 147; *β dracaenoides*, 147; *Karwinskyana*, 148; *linearis*, 148; *β graminifolia*, 148; *longifolia*, 147; *Lundellii*, 153; *macrophylla*, 147; *minuta*, 153; *multiflora*, 153; *Palmeri*, 153; *procumbens*, 153; *pulchella*, 148; *rhodantha*, 148; *rosea*, 153; *saxicola*, 154; *venustula*, 148; *Warscewicziana*, 154
Tripogandra, 150; *amplexicaulis*, 152; *angustifolia*, 152; *cumanensis*, 152; *Disgrega*, 152; *elongata*, 152; *floribunda*, 152; *grandiflora*, 153; *Lundellii*, 153; *minuta*, 153; *multiflora*, 153; *Palmeri*, 153; *rosea*, 153; *saxicola*, 154; *Warscewicziana*, 154
Turneraceae, Panamanian, 363

V

Variability, inter-racial, in maize, 72
Variables, The environmental, of the Mis-

souri Botanical Garden Wildflower Reservation at Gray Summit, 103
Veratrum, 293; *caricifolium*, 296; *frigidum*, 307; *officinale*, 302; *tenuifolium*, 305
Violaceae, Panamanian, 362

W

Wedel, H. von, Collections chiefly by, in Bocas del Toro, 317
Wildflower Reservation at Gray Summit, The environmental variables of the, 103
Williams, Louis O., Panamanian Orchidaceae determined by, 336
Wood, a fossil Araucarian, from western Wyoming, 283
Woodson, Robert E., Jr. Commentary on the North American genera of Commelinaceae, 141; and Robert W. Schery, Contributions toward a flora of Panama. VI. Collections chiefly by H. von Wedel in Bocas del Toro, 317
Wraight, Joseph, Ralph O. Erickson, Louis G. Brenner and. Dolomitic glades of east-central Missouri, 89
Wyoming, western, A fossil Araucarian wood from, 283

X

Xylem in wood of *Lepidodendron scleroticum*, 247

Z

Zea Mays, Races of: I. Their recognition and classification, 69; ears and tassels of three races, 88; tassel branches from Peru and from Mexico, 76
Zingiberaceae, Panamanian, 329
Zygopteris, 3, 7